

ABSTRACT

When the drive current fed to a VCM 3 is large, a driver D2 is turned on, and a driver D3 is turned off so that the current detected by a current detection amplifier A1 is fed back based on the voltage across a detection resistor RS1. When the drive current fed to the VCM 3 is small, the driver D2 is turned off, and the driver D3 is turned on so that the current detected by a current detection amplifier A2 is fed back based on the voltage across a detection resistor RS2.